

# WEST Search History





DATE: Monday, July 12, 2004

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		<i>DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L9	(cell near3 search\$4) and (asynchronous\$ near2 ds) and (data near2 channel\$) and (synchronous near3 channel\$)	1
<input type="checkbox"/>	L8	(cell near3 search\$4) and (asynchronous\$ near2 cdma) and (data near2 channel\$) and (synchronous near3 channel\$)	5
<input type="checkbox"/>	L7	(((((wideband) or (wide adj band)) near3 (direct near2 sequenc\$3)) or (w near direct near2 sequenc\$3)) and (cell near3 search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L6	(((((wideband) or (wide adj band)) near3 cdma) or (w adj2 cdma)) and (cell near3 search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L5	((wideband near3 cdma) or (w adj2 cdma)) and (cell near3 search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L4	((widband near3 cdma) or (w adj2 cdma)) and (cell near3 search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L3	((widband near3 cdma) or (w adj2 cdma)) and (cell search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L2	((widband near3 cdma) or (w adj2 cdma)) and ((primary and secondary) near2 synchronous) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L1	((widband near3 cdma) or (w adj2 cdma)) same ((primary and secondary) near2 synchronous) same (channel near3 characterstic\$) same ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0

END OF SEARCH HISTORY

## WEST Search History





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Hide?	Set Name	Query	Hit Count
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<input type="checkbox"/>	L18	L17 and (l11 or l12)	2
<input type="checkbox"/>	L17	((frequenc\$3 near2 error) near4 (compensat\$3 or adjust\$3 or correct\$3))	2930
<input type="checkbox"/>	L16	L15 and l14	0
<input type="checkbox"/>	L15	((frequenc\$3 near2 error) near4 (compensat\$3 or adjust\$3 or correct\$3)) and ((channel near3 characterstic\$) or (impulse near3 respons\$3))	242
<input type="checkbox"/>	L14	(l11 or l12) and l10	37
<input type="checkbox"/>	L13	(cell near3 (search\$3 or synchroniz\$3)) and ((w adj cdma) or (wideband near2 cdma) or (w adj cdma)) and (primary near2 synch\$7 near2 code) and (secondary\$ near2 synch\$7 near2 code)	0
<input type="checkbox"/>	L12	(cell near3 (search\$3 or synchroniz\$3)) and ((w adj cdma) or (wideband near2 cdma) or (w adj cdma))	90
<input type="checkbox"/>	L11	(cell near (search\$3 or synchroniz\$3)) and (w adj cdma)	38
<input type="checkbox"/>	L10	(375/130.ccls. or 375/141.ccls. or 375/142.ccls. or 375/145.ccls. or 375/147.ccls. or 375/149.ccls. or 375/150.ccls. or 370/335.ccls. or 370/342.ccls. or 370/441.ccls. or 455/422.ccls.)	4152
<input type="checkbox"/>	L9	(cell near3 search\$4) and (asynchronous\$ near2 ds) and (data near2 channel\$) and (synchronous near3 channel\$)	1
<input type="checkbox"/>	L8	(cell near3 search\$4) and (asynchronous\$ near2 cdma) and (data near2 channel\$) and (synchronous near3 channel\$)	5
<input type="checkbox"/>	L7	(((((wideband) or (wide adj band)) near3 (direct near2 sequenc\$3)) or (w near direct near2 sequenc\$3)) and (cell near3 search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L6	(((((wideband) or (wide adj band)) near3 cdma) or (w adj2 cdma)) and (cell near3 search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L5	((wideband near3 cdma) or (w adj2 cdma)) and (cell near3 search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L4	((widband near3 cdma) or (w adj2 cdma)) and (cell near3 search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
<input type="checkbox"/>	L3	((widband near3 cdma) or (w adj2 cdma)) and (cell search\$3) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3))	0
		((widband near3 cdma) or (w adj2 cdma)) and ((primary and secondary) near2	

- ☐ L2 synchronous) and (channel near3 characterstic\$) and ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3)) 0
- ☐ L1 ((wiband near3 cdma) or (w adj2 cdma)) same ((primary and secondary) near2 synchronous) same (channel near3 characterstic\$) same ((frequenc\$3 near3 error) near4 (compensat\$ or correct\$3 or adjust\$3)) 0

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**1 Cell search in W-CDMA**

*Wang, Y.-P.E.; Ottosson, T.;*

Selected Areas in Communications, IEEE Journal on , Volume: 18  
, Issue: 8 , Aug. 2000  
Pages:1470 - 1482

[\[Abstract\]](#)   [\[PDF Full-Text \(332 KB\)\]](#)   **IEEE JNL**

**2 Initial cell search procedure in WCDMA - an improved algorithm for FDD**

*Cinteza, M.; Marghescu, I.; Enescu, A.;*

Signals, Circuits and Systems, 2003. SCS 2003. International Symposium on , Volume: 2 , 10-11 July 2003  
Pages:517 - 520 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(304 KB\)\]](#)   **IEEE CNF**

**3 Investigation of the mobile terminal optimum operating point in UMTS-FDD initial cell search procedure**

*Kourtis, S.;*

Personal, Indoor and Mobile Radio Communications, 2000. PIMRC 2000. The 11th IEEE International Symposium on , Volume: 1  
, 18-21 Sept. 2000  
Pages:348 - 352 vol.1

[\[Abstract\]](#)   [\[PDF Full-Text \(380 KB\)\]](#)   **IEEE CNF**

**4 An initial cell search scheme robust to frequency error in W-CDMA system**

*Kang-Min Lee; Ji-Yong Chun;*

Personal, Indoor and Mobile Radio Communications, 2000. PIMRC

2000. The 11th IEEE International Symposium on , Volume: 2  
, 18-21 Sept. 2000  
Pages:1400 - 1404 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) [IEEE CNF](#)

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**5 WCDMA initial cell search**

*Nielsen, A.O.; Korpela, S.;*

Vehicular Technology Conference, 2000. IEEE VTS-Fall VTC 2000.  
52nd , Volume: 1 , 24-28 Sept. 2000  
Pages:377 - 383 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(564 KB\)\]](#) [IEEE CNF](#)

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**6 Cell search algorithms and optimization in W-CDMA**

*Wang, Y.-P.E.; Ottosson, T.;*

Vehicular Technology Conference Proceedings, 2000. VTC  
2000-Spring Tokyo. 2000 IEEE 51st , Volume: 1 , 15-18 May  
2000  
Pages:81 - 86 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) [IEEE CNF](#)

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**7 Comparison of initial cell search algorithms for W-CDMA systems using cyclic and comma free codes**

*Bahl, S.K.; Plusquellic, J.; Thomas, J.;*

Circuits and Systems, 2002. MWSCAS-2002. The 2002 45th  
Midwest Symposium on , Volume: 3 , 4-7 Aug. 2002  
Pages:III-192 - III-195 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(347 KB\)\]](#) [IEEE CNF](#)

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**8 Cell search robust to initial frequency offset in WCDMA systems**

*June Moon; Yong-Hwan Lee;*

Personal, Indoor and Mobile Radio Communications, 2002. The  
13th IEEE International Symposium on , Volume: 5 , 15-18 Sept.  
2002  
Pages:2039 - 2043 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) [IEEE CNF](#)

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**9 Reconfigurable low power cell search engine for UMTS-FDD mobile terminals**

*Darbel, N.; Rasse, Y.; Bastidas-Garcia, O.; Faux, G.; Jubelin, B.;*  
*Carrie, M.;*

Signal Processing Systems, 2002. (SIPS '02). IEEE Workshop on  
, 16-18 Oct. 2002  
Pages:171 - 176

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) [IEEE CNF](#)

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**10 Performance enhancements to the UMTS (W-CDMA) initial cell search algorithm**

*Kiessling, M.; Mujtaba, S.A.;*

Communications, 2002. ICC 2002. IEEE International Conference

on , Volume: 1 , 28 April-2 May 2002  
Pages:590 - 594

[\[Abstract\]](#) [\[PDF Full-Text \(397 KB\)\]](#) [IEEE CNF](#)

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**11 Performance analysis of initial cell search using time tracker for W-CDMA**

*Sang-yun Hwang; Bub-ju Kang; Jae-seok Kim;*  
Global Telecommunications Conference, 2001. GLOBECOM '01.  
IEEE , Volume: 5 , 25-29 Nov. 2001  
Pages:3055 - 3059 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(209 KB\)\]](#) [IEEE CNF](#)

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**12 Comparison of cell search methods for asynchronous wideband CDMA cellular system**

*Nystrom, J.; Jamal, K.; Wang, Y.-P.E.; Esmailzadeh, R.;*  
Universal Personal Communications, 1998. ICUPC '98. IEEE 1998  
International Conference on , Volume: 2 , 5-9 Oct. 1998  
Pages:783 - 787 vol.2

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